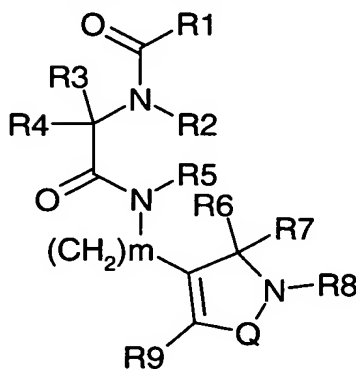


Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (original). A compound of the Formula I



Formula I

wherein:

R1 is NHR10, (substituted or unsubstituted C₁-C₆alkyl)NHR10 or (unsubstituted or substituted C₃-C₈ cycloalkyl)NHR10;

R10 is hydrogen, C₁-C₆alkyl, C₁-C₆alkyl(OH), C₁-C₆alkylidenyl(OH)R11, or an amino protecting group;

R11 is C₁-C₆alkyl, C₂-C₆alkenyl, C₁-C₆alkyl(O)C₁-C₆alkyl, C(O)O-C₁-C₆alkyl, aryl, or C₁-C₆alkylaryl;

R2 is hydrogen, C₁-C₆alkyl, aryl, or C₁-C₆alkylaryl;

R3 is unsubstituted or substituted aryl, unsubstituted or substituted C₁-C₆alkylaryl, unsubstituted or substituted C₁-C₆alkyl(O)-C₁-C₆alkylaryl, unsubstituted or substituted C₃-C₈ cycloalkyl, unsubstituted or substituted (C₁-C₆ alkyl) C₃-C₈ cycloalkyl, indoliny;

R4 is hydrogen, C₁-C₆alkyl, aryl, C₁-C₆alkylaryl, or C₂-C₆alkenyl;

R5 is hydrogen, aryl, C₁-C₆alkylaryl, hydroxy, C₁-C₆alkoxy, unsubstituted or substituted C₁-C₆alkyl;

R6 and R7 are independently hydrogen, unsubstituted or substituted C₁-C₆alkyl, unsubstituted or substituted C₂-C₆alkenyl, or R6 and R7 together with the carbon atom to which they are attached form a carbocyclic ring of up to 8 atoms which is optionally partly unsaturated or a substituted C₃-C₈ cycloalkyl group which is optionally partly unsaturated;

R8 is hydrogen, unsubstituted or substituted C₁-C₆alkyl, unsubstituted or substituted aryl, unsubstituted or substituted (C₁-C₆alkyl)C₃-C₈cycloalkyl, or unsubstituted or substituted C₁-C₆alkylaryl;

R9 is hydrogen, C₁-C₆alkyl, C₂-C₆alkenyl, C₂-C₆alkynyl, C₃-C₈cycloalkyl, C₃-C₈cycloalkenyl, cyano, unsubstituted or substituted aryl, unsubstituted or substituted -O-aryl, unsubstituted or substituted -N-aryl, unsubstituted or substituted -S-aryl, -aryl-aryl(K1)(K2), -O-aryl-aryl(K1)(K2), -N-aryl-aryl(K1)(K2), -S-aryl-aryl(K1)(K2), -O-C₁-C₆alkyl, or C₁-C₆alkylaryl, wherein K1 is halo or -CF₃, and K2 is hydrogen, halo or -CF₃ or K1 and K2 together form a methylenedioxy group;

Q is -S(O)₂- or -C(O)-; and

m is a number selected from 1 or 2;

provided that R1 is (substituted C₁-C₆alkyl)NHR10 or (unsubstituted or substituted C₃-C₈ cycloalkyl)NHR10; or

R5 is hydroxy, C₁-C₆alkoxy, or substituted C₁-C₆alkyl; or

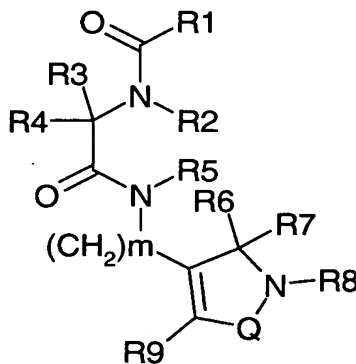
R6 and R7 are independently unsubstituted or substituted C₁-C₆alkyl or unsubstituted or substituted C₂-C₆alkenyl with the proviso that at least one group is substituted; or

R6 is hydrogen and R7 is substituted C₁-C₆alkyl or substituted C₂-C₆alkenyl; or

R6 and R7 together with the carbon atom to which they are attached may form a substituted C₃-C₈ cycloalkyl group which is optionally partly unsaturated; or

R8 is substituted C₁-C₆alkyl, substituted aryl, unsubstituted or substituted (C₁-C₆alkyl)C₃-C₈cycloalkyl or substituted C₁-C₆alkylaryl;
or a pharmaceutically acceptable salt or solvate thereof.

Claim 2 (original). A compound according to claim 1 having Formula I



Formula I

wherein:

R1 is NHR10 or C₁-C₆alkylNHR10;

R10 is hydrogen, C₁-C₆alkyl, C₁-C₆alkyl(OH), C₁-C₆alkylidenyl(OH)R11, or an amino protecting group;

R11 is C₁-C₆alkyl, C₂-C₆alkenyl, C₁-C₆alkyl(O)C₁-C₆alkyl, C(O)O-C₁-C₆alkyl, aryl, or C₁-C₆alkylaryl;

R2 is hydrogen, C₁-C₆alkyl, aryl, or C₁-C₆alkylaryl;

R3 is unsubstituted or substituted aryl, unsubstituted or substituted C₁-C₆alkylaryl, unsubstituted or substituted C₁-C₆alkyl(O)-C₁-C₆alkylaryl, unsubstituted or substituted C₃-C₈ cycloalkyl, unsubstituted or substituted (C₁-C₆ alkyl) C₃-C₈ cycloalkyl, indolynyl;

R4 is hydrogen, C₁-C₆alkyl, aryl, C₁-C₆alkylaryl, or C₂-C₆alkenyl;

R5 is hydroxy, C₁-C₆alkoxy, or substituted C₁-C₆alkyl;

R6 and R7 are independently hydrogen, C₁-C₆alkyl, C₂-C₆alkenyl, or R6 and R7 together with the carbon atom to which they are attached form a carbocyclic ring of up to 8 atoms which is optionally partly unsaturated;

R8 is hydrogen, C₁-C₆alkyl, aryl, or C₁-C₆alkylaryl;

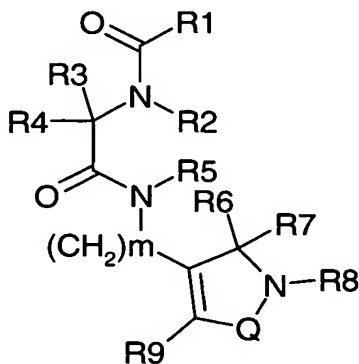
R9 is hydrogen, C₁-C₆alkyl, C₂-C₆alkenyl, C₂-C₆alkynyl, C₃-C₈cycloalkyl, C₃-C₈cycloalkenyl, cyano, unsubstituted or substituted aryl, unsubstituted or substituted -O-aryl, unsubstituted or substituted -N-aryl, unsubstituted or substituted -S-aryl, -aryl-aryl(K1)(K2), -O-aryl-aryl(K1)(K2), -N-aryl-aryl(K1)(K2), -S-aryl-aryl(K1)(K2), -O-C₁-C₆alkyl, or C₁-C₆alkylaryl, wherein K1 is halo or -CF₃, and K2 is hydrogen, halo or -CF₃ or K1 and K2 together form a methylenedioxy group;

Q is -S(O)₂- or -C(O)-;

m is a number selected from 1 or 2;

or a pharmaceutically acceptable salt or solvate thereof.

Claim 3 (original). A compound according to claim 1 having Formula I



Formula I

wherein:

R1 is NHR10 or C₁-C₆alkylNHR10;

R10 is hydrogen, C₁-C₆alkyl, C₁-C₆alkyl(OH), C₁-C₆alkylidenyl(OH)R11, or an amino protecting group;

R11 is C₁-C₆alkyl, C₂-C₆alkenyl, C₁-C₆alkyl(O)C₁-C₆alkyl, C(O)O-C₁-C₆alkyl, aryl, or C₁-C₆alkylaryl;

R2 is hydrogen, C₁-C₆alkyl, aryl, or C₁-C₆alkylaryl;

R3 is unsubstituted or substituted aryl, unsubstituted or substituted C₁-C₆alkylaryl, unsubstituted or substituted C₁-C₆alkyl(O)-C₁-C₆alkylaryl, unsubstituted or substituted C₃-C₈cycloalkyl, unsubstituted or substituted (C₁-C₆ alkyl) C₃-C₈ cycloalkyl, indolinyl;

R4 is hydrogen, C₁-C₆alkyl, aryl, C₁-C₆alkylaryl, or C₂-C₆alkenyl;

R5 is hydrogen, aryl, C₁-C₆alkylaryl, hydroxy, C₁-C₆alkoxy, unsubstituted or substituted C₁-C₆alkyl;

R6 and R7 are independently hydrogen, C₁-C₆alkyl, C₂-C₆alkenyl, or R6 and R7 together with the carbon atom to which they are attached form a carbocyclic ring of up to 8 atoms which is optionally partly unsaturated;

R8 is substituted C₁-C₆alkyl, substituted aryl, unsubstituted or substituted (C₁-C₆alkyl)C₃-C₈cycloalkyl or substituted C₁-C₆alkylaryl;

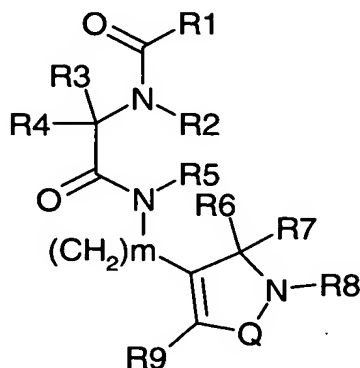
R9 is hydrogen, C₁-C₆alkyl, C₂-C₆alkenyl, C₂-C₆alkynyl, C₃-C₈cycloalkyl, C₃-C₈cycloalkenyl, cyano, unsubstituted or substituted aryl, unsubstituted or substituted -O-aryl, unsubstituted or substituted -N-aryl, unsubstituted or substituted -S-aryl, -aryl-aryl(K1)(K2), -O-aryl-aryl(K1)(K2), -N-aryl-aryl(K1)(K2), -S-aryl-aryl(K1)(K2), -O-C₁-C₆alkyl, or C₁-C₆alkylaryl, wherein K1 is halo or -CF₃, and K2 is hydrogen, halo or -CF₃ or K1 and K2 together form a methylenedioxy group;

Q is -S(O)₂- or -C(O)-;

m is a number selected from 1 or 2;

or a pharmaceutically acceptable salt or solvate thereof.

Claim 4 (original). A compound according to claim 1 having Formula I



Formula I

wherein:

R1 is NHR10 or C₁-C₆alkylNHR10;

R10 is hydrogen, C₁-C₆alkyl, C₁-C₆alkyl(OH), C₁-C₆alkylidenyl(OH)R11, or an amino protecting group;

R11 is C₁-C₆alkyl, C₂-C₆alkenyl, C₁-C₆alkyl(O)C₁-C₆alkyl, C(O)O-C₁-C₆alkyl, aryl, or C₁-C₆alkylaryl;

R2 is hydrogen, C₁-C₆alkyl, aryl, or C₁-C₆alkylaryl;

R3 is unsubstituted or substituted aryl, unsubstituted or substituted C₁-C₆alkylaryl, unsubstituted or substituted C₁-C₆alkyl(O)-C₁-C₆alkylaryl, unsubstituted or substituted C₃-C₈ cycloalkyl, unsubstituted or substituted (C₁-C₆ alkyl) C₃-C₈ cycloalkyl, indoliny;

R⁴ is hydrogen, C₁-C₆alkyl, aryl, C₁-C₆alkylaryl, or C₂-C₆alkenyl;

R5 is hydrogen, aryl, C₁-C₆alkylaryl, hydroxy, C₁-C₆alkoxy, unsubstituted or substituted C₁-C₆alkyl;

R6 and R7 are independently unsubstituted or substituted C₁-C₆alkyl or unsubstituted or substituted C₂-C₆alkenyl with the proviso that at least one group is substituted; or

R6 is hydrogen and R7 is substituted C₁-C₆alkyl or substituted C₂-C₆alkenyl; or

or R6 and R7 together with the carbon atom to which they are attached may form a substituted C₃-C₈ cycloalkyl group which is optionally partly unsaturated;

R8 is hydrogen, unsubstituted or substituted C₁-C₆alkyl, unsubstituted or substituted aryl, unsubstituted or substituted (C₁-C₆alkyl)C₃-C₈cycloalkyl or unsubstituted or substituted C₁-C₆alkylaryl;

R9 is hydrogen, C₁-C₆alkyl, C₂-C₆alkenyl, C₂-C₆alkynyl, C₃-C₈cycloalkyl, C₃-C₈cycloalkenyl, cyano, unsubstituted or substituted aryl, unsubstituted or substituted -O-aryl, unsubstituted or substituted -N-aryl, unsubstituted or substituted -S-aryl, -aryl-aryl(K1)(K2),

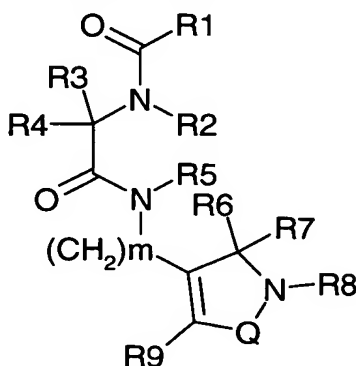
-O-aryl-aryl(K1)(K2), -N-aryl-aryl(K1)(K2), -S-aryl-aryl(K1)(K2), -O-C₁-C₆alkyl, or C₁-C₆alkylaryl, wherein K1 is halo or -CF₃, and K2 is hydrogen, halo or -CF₃ or K1 and K2 together form a methylenedioxy group;

Q is -S(O)₂- or -C(O)-;

m is a number selected from 1 or 2;

or a pharmaceutically acceptable salt or solvate thereof.

Claim 5 (original). A compound according to claim 1 having Formula I



Formula I

wherein:

R1 is (substituted C₁-C₆alkyl)NHR10 or (unsubstituted or substituted C₃-C₈ cycloalkyl)NHR10;

R10 is hydrogen, C₁-C₆alkyl, C₁-C₆alkyl(OH), C₁-C₆alkylidenyl(OH)R11, or an amino protecting group;

R11 is C₁-C₆alkyl, C₂-C₆alkenyl, C₁-C₆alkyl(O)C₁-C₆alkyl, C(O)O-C₁-C₆alkyl, aryl, or C₁-C₆alkylaryl;

R2 is hydrogen, C₁-C₆alkyl, aryl, or C₁-C₆alkylaryl;

R3 is unsubstituted or substituted aryl, unsubstituted or substituted C₁-C₆alkylaryl, unsubstituted or substituted C₁-C₆alkyl(O)-C₁-C₆alkylaryl, unsubstituted or substituted C₃-C₈ cycloalkyl, unsubstituted or substituted (C₁-C₆ alkyl) C₃-C₈ cycloalkyl, indolyl;

R4 is hydrogen, C₁-C₆alkyl, aryl, C₁-C₆alkylaryl, or C₂-C₆alkenyl;

R5 is hydrogen, aryl, C₁-C₆alkylaryl, hydroxy, C₁-C₆alkoxy, unsubstituted or substituted C₁-C₆alkyl;

R6 and R7 are independently hydrogen, unsubstituted or substituted C₁-C₆alkyl, unsubstituted or substituted C₂-C₆alkenyl, or R6 and R7 together with the carbon atom to

which they are attached form a carbocyclic ring of up to 8 atoms which is optionally partly unsaturated or a substituted C₃-C₈ cycloalkyl group which is optionally partly unsaturated;

R₈ is hydrogen, unsubstituted or substituted C₁-C₆alkyl, unsubstituted or substituted aryl, unsubstituted or substituted (C₁-C₆alkyl)C₃-C₈cycloalkyl or unsubstituted or substituted C₁-C₆alkylaryl;

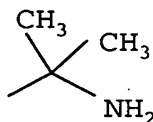
R₉ is hydrogen, C₁-C₆alkyl, C₂-C₆alkenyl, C₂-C₆alkynyl, C₃-C₈cycloalkyl, C₃-C₈cycloalkenyl, cyano, unsubstituted or substituted aryl, unsubstituted or substituted -O-aryl, unsubstituted or substituted -N-aryl, unsubstituted or substituted -S-aryl, -aryl-aryl(K₁)(K₂), -O-aryl-aryl(K₁)(K₂), -N-aryl-aryl(K₁)(K₂), -S-aryl-aryl(K₁)(K₂), -O-C₁-C₆alkyl, or C₁-C₆alkylaryl, wherein K₁ is halo or -CF₃, and K₂ is hydrogen, halo or -CF₃ or K₁ and K₂ together form a methylenedioxy group;

Q is -S(O)₂- or -C(O)-;

m is a number selected from 1 or 2;

or a pharmaceutically acceptable salt or solvate thereof.

Claim 6 (original). A compound according to claim 2 wherein R₁ is



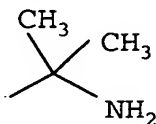
or a pharmaceutically acceptable salt or solvate thereof.

Claim 7 (currently amended). A compound according to claim ~~2 or~~ 6 wherein R₆ and R₇ are each C₁-C₃ alkyl or form a five or six membered carbocyclic ring; or a pharmaceutically acceptable salt or solvate thereof.

Claim 8 (currently amended). A compound according to ~~any one of claims 2,6 or claim~~ 7 wherein R₅ is hydroxy, C₁-C₆alkoxy, C₁-C₆alkyl which is substituted by hydroxy or C₁-C₆alkyl which is substituted by one, two, or three halo atoms, or a pharmaceutically acceptable salt or solvate thereof.

Claim 9 (currently amended). A compound according to ~~any one of claims 2- or 6 to claim~~ 8 wherein R₈ is hydrogen, methyl, ethyl or benzyl, or a pharmaceutically acceptable salt or solvate thereof.

Claim 10 (original). A compound according to claim 3 wherein R1 is



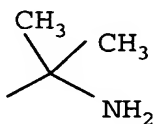
or a pharmaceutically acceptable salt or solvate thereof.

Claim 11 (currently amended). A compound according to claim 3 ~~or~~ 10 wherein R6 and R7 are each C₁-C₃ alkyl or form a five or six membered carbocyclic ring, or a pharmaceutically acceptable salt or solvate thereof.

Claim 12 (currently amended). A compound according to ~~any one of claims 3, 4 or claim~~ 11 wherein R5 is hydrogen, C₁-C₆alkyl, C₁-C₆alkoxy, C₁-C₆alkyl which is substituted by hydroxy or C₁-C₆alkyl which is substituted by one, two, or three halo atoms, or a pharmaceutically acceptable salt or solvate thereof.

Claim 13 (currently amended). A compound according to ~~any one of claims 3 or 10 to claim~~ 12 wherein R8 is C₁-C₆alkyl which is substituted by hydroxy or C₁-C₆alkyl which is substituted by one, two, or three halo atoms, phenyl substituted by one, two, or three halo atoms or benzyl substituted by one, two, or three halo atoms, or a pharmaceutically acceptable salt or solvate thereof.

Claim 14 (original). A compound according to claim 4 wherein R1 is



or a pharmaceutically acceptable salt or solvate thereof.

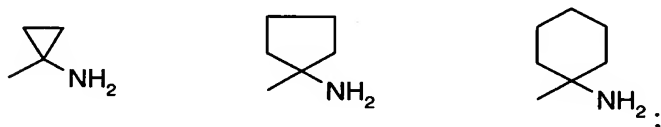
Claim 15 (currently amended). A compound according to claim 4 ~~or~~ 14 wherein R6 and R7 are independently C₁-C₆alkyl or C₂-C₆alkenyl, in which one or both groups are substituted by one, two, or three halo atoms; or R6 is hydrogen and R7 is C₁-C₆alkyl, C₂-C₆alkenyl which is substituted by one, two, or three halo atoms; or R6 and R7 together with the carbon atom to which they are attached may form a C₃-C₈cycloalkyl group

which is optionally partly unsaturated and which is substituted by one, two, or three halo atoms, or a pharmaceutically acceptable salt or solvate thereof.

Claim 16 (currently amended). A compound according to ~~any one of claims 4, 14 or~~ claim 15 wherein R5 is hydrogen, C₁-C₆alkyl, C₁-C₆alkoxy, C₁-C₆alkyl which is substituted by hydroxy or C₁-C₆alkyl which is substituted by one, two, or three halo atoms, or a pharmaceutically acceptable salt or solvate thereof.

Claim 17 (currently amended). A compound according to ~~any one of claims 4 or 14~~ claim 16 wherein R8 is hydrogen, C₁-C₆alkyl, (C₁-C₆alkyl)C₃-C₈cycloalkyl, benzyl, 1-phenylethyl, C₁-C₆alkyl which is substituted by hydroxy, methoxy, CONH₂, or CON(CH₃)₂, or C₁-C₆alkyl which is substituted by one, two, or three halo atoms, phenyl substituted by one, two, or three halo atoms or benzyl substituted by one, two, or three halo atoms, or a pharmaceutically acceptable salt or solvate thereof.

Claim 18 (original). A compound according to claim 5 wherein R1 is selected from -C(CH₃)(CH₂OH)NH₂, -C(CH₂F)₂NH₂, -C(CH₂F)(CH₂CH₂F)NH₂, -C(CF₃)(CH₃)NH₂, -C(CH₂CH₂F)₂NH₂, -C(CH₂CH₃)(CH₂CF₃)NH₂,



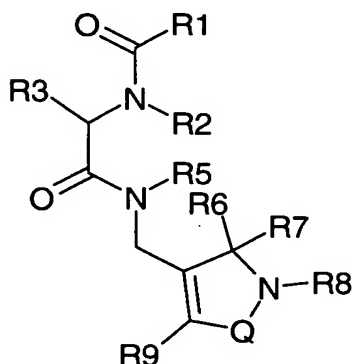
or a pharmaceutically acceptable salt or solvate thereof.

Claim 19 (currently amended). A compound according to claim ~~5 or~~ 18 wherein R6 and R7 are each C₁-C₃ alkyl or form a five or six membered carbocyclic ring; or R6 and R7 are independently C₁-C₆alkyl or C₂-C₆alkenyl, in which one or both groups are substituted by one, two, or three halo atoms; or R6 is hydrogen and R7 is C₁-C₆alkyl, C₂-C₆alkenyl which is substituted by one, two, or three halo atoms; or R6 and R7 together with the carbon atom to which they are attached may form a C₃-C₈cycloalkyl group which is optionally partly unsaturated and which is substituted by one, two, or three halo atoms; or a pharmaceutically acceptable salt or solvate thereof.

Claim 20 (currently amended). A compound according to ~~any one of claims 5, 18 or claim~~ 19 wherein R5 is hydrogen, C₁-C₆alkyl, C₁-C₆alkoxy, C₁-C₆alkyl which is substituted by hydroxy or C₁-C₆alkyl which is substituted by one, two, or three halo atoms, or a pharmaceutically acceptable salt or solvate thereof.

Claim 21 (currently amended). A compound according to ~~any one of claims 5 or 18 to claim~~ 20 wherein R8 is hydrogen, C₁-C₆alkyl, benzyl, C₁-C₆alkyl which is substituted by hydroxy, C₁-C₆alkyl which is substituted by one, two, or three halo atoms, phenyl substituted by one, two, or three halo atoms or benzyl substituted by one, two, or three halo atoms, or a pharmaceutically acceptable salt or solvate thereof.

Claim 22 (currently amended). A compound according to ~~any one of claims claim 1 to 21~~ having Formula II



Formula II

wherein

R1, R2, R3, R5, R6, R7, R8, R9 and Q are as defined in ~~any one of claims 1 to 21~~ or a pharmaceutically acceptable salt or solvate thereof.

Claim 23 (currently amended). A compound according to ~~any one of claims claim 1 to 22~~ wherein R3 is selected from unsubstituted or substituted aryl, unsubstituted or substituted C₁-C₆alkylaryl, unsubstituted or substituted C₁-C₆alkyl(O)-C₁-C₆alkylaryl, unsubstituted or substituted (C₁-C₆ alkyl) C₃-C₈ cycloalkyl; or a pharmaceutically acceptable salt or solvate thereof.

Claim 24 (original). A compound according to claim 23 wherein the unsubstituted or substituted aryl group, unsubstituted or substituted C₁-C₆alkylaryl or unsubstituted or substituted C₁-C₆alkyl(O)-C₁-C₆alkylaryl group contains an aryl moiety selected from phenyl, thiazolyl, pyridyl, naphthyl, thienyl, oxazolyl, isoxazolyl and indolyl optionally substituted by from one to three groups independently selected from C₁-C₆ alkyl, -OC₁-C₆ alkyl, -OCF₃, amide, aryl, aryloxy, SO₂(C₁₋₆ alkyl), SO₂CF₃, NHamide, carboxamide, sulfonamide, Nhsulfonamide, imide, hydroxy, carboxy, nitro, halo, tri(chloro or fluoro)methyl, and cyano; or a pharmaceutically acceptable salt or solvate thereof.

Claim 25 (currently amended). A compound according to ~~any one of claims~~ claim 1 to 24 wherein R₃ is an unsubstituted or substituted aryl group, an unsubstituted or substituted C₁-C₆ alkylaryl group or an unsubstituted or substituted C₁-C₆alkyl(O)- C₁-C₆alkyl aryl group wherein:

the C₁-C₆alkyl moiety within the unsubstituted or substituted C₁-C₆ alkylaryl group is methyl, ethyl or propyl;

the C₁-C₆alkyl(O)- C₁-C₆alkyl moiety within the unsubstituted or substituted C₁-C₆alkyl(O)- C₁-C₆alkyl aryl group is a moiety of formula -CH₂OCH₂-;

the unsubstituted or substituted aryl moiety is phenyl, thiazolyl, pyridyl, naphthyl, thienyl, oxazolyl, isoxazolyl and indolyl which is unsubstituted or substituted by from one to three groups independently selected from halo (preferably chloro or fluoro), methyl, methoxy, cyano, SO₂Me, trifluoromethyl, and trifluoromethoxy. Most preferably the unsubstituted aryl moiety is phenyl, naphthyl, thiazolyl or indolyl and the substituted aryl moiety in said groups is 2-fluorophenyl, 3-fluorophenyl, 4-fluorophenyl, 2,3-difluorophenyl, 2,4-difluorophenyl, 2,5-difluorophenyl, 2,6-difluorophenyl, 3,4-difluorophenyl, 3,5-difluorophenyl, 2,4,6-trifluorophenyl, 2,3,4-trifluorophenyl, 2,4,5-trifluorophenyl, 2,3,6-trifluorophenyl, 2,3,5-trifluorophenyl, 2-chlorophenyl, 3-chlorophenyl, 4-chlorophenyl, 2,6-dichlorophenyl, 2,3-dichlorophenyl, 2,4-dichlorophenyl, 2,5-dichlorophenyl, 2-chloro-4-fluorophenyl, 2-methylphenyl, 2,6-difluoro-3-methylphenyl, 3,6-difluoro-2-chlorophenyl, 2-fluoro-6-chlorophenyl, 2-fluoro-3-chlorophenyl, 2-fluoro-4-chlorophenyl, 2,6-difluoro-3-chlorophenyl, 4-trifluoromethylphenyl, 3-trifluoromethylphenyl, 2-trifluoromethylphenyl, 2-fluoro-5-trifluoromethylphenyl, 2-fluoro-3-trifluoromethylphenyl, 2-fluoro-6-trifluoromethylphenyl, 2-chloro-3-trifluoromethylphenyl, 4-trifluoromethoxyphenyl, 3-

trifluoromethoxyphenyl, 2-trifluoromethoxyphenyl, 2-cyanophenyl, 3-cyanophenyl, 4-cyanophenyl, 4-methanesulphonylphenyl, and 2-methyl thiazolyl.;
or a pharmaceutically acceptable salt or solvate thereof.

Claim 26 (currently amended). A compound according to ~~any one of claims claim 1 to 25~~ wherein R3 is selected from the group consisting of unsubstituted or substituted aryl, C₁-C₆alkylaryl, C₁-C₆alkyl(O)-C₁-C₆alkylaryl, C₃-C₈ cycloalkyl, (C₁-C₆ alkyl) C₃-C₈ cycloalkyl, indolyl, indolinyl, (C₁-C₆ alkyl) indolyl.

Claim 27 (currently amended). A compound according to ~~any one of claims claim 1 to 26~~ wherein R4 is hydrogen or methyl, or a pharmaceutically acceptable salt or solvate thereof.

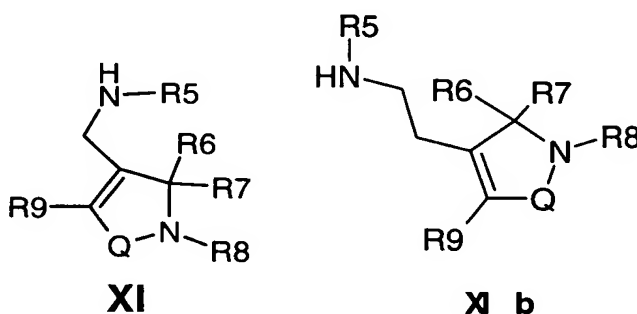
Claim 28 (currently amended). A compound according to ~~any one of claims claim 1 to 27~~ wherein R9 is selected from the group consisting of unsubstituted or substituted thienyl, unsubstituted or substituted naphthyl, unsubstituted or substituted phenoxy and unsubstituted or substituted phenyl; wherein the substituents when present are each independently selected from the group consisting of halo, methyl, ethyl, propyl, t-butyl, trifluoromethyl, trifluoromethoxy, methoxy, ethoxy, cyano, methylsulphonyl, phenyl, phenoxy, thienyl, pyridyl, thiazolyl, oxazolyl, nitro, CONH₂, furanyl, benzothiophenyl and benzofuranyl; or a pharmaceutically acceptable salt or solvate thereof.

Claim 29 (original). A compound of according to claim 28 wherein R9 is selected from phenyl, 4-methylsulphonylphenyl, 3-methylsulphonylphenyl, 4-fluorophenyl, 2-fluorophenyl, 3-fluorophenyl, 3-chlorophenyl, 2-chlorophenyl, 4-chlorophenyl, 4-t-butylphenyl, 4-trifluoromethylphenyl, 3-trifluoromethylphenyl, 4-nitrophenyl, 3-nitrophenyl, 4-bromophenyl, 3-bromophenyl, 2-bromophenyl, 4-methylphenyl, 3-methylphenyl, 4-phenylphenyl, 3-phenylphenyl, 4-phenoxyphenyl, 3-phenoxyphenyl, 4-cyanophenyl, 3-cyanophenyl, 4-carbamoylphenyl, 4-methoxyphenyl, 3-methoxyphenyl, thienyl, thiazolyl, pyridyl, phenoxy, 4-chlorophenoxy, 2,3-dichlorophenyl, 3,4-dichlorophenyl, naphthyl, oxazolyl, 2,4-difluorophenyl, 3,4-difluorophenyl, 3,5-difluorophenyl, 2,3-difluorophenyl, 2,6-difluorophenyl, 2,5-difluorophenyl, 2-fluoro-3-chlorophenyl, 4-ethylphenyl, 4-ethoxyphenyl, 3,4,5-trifluorophenyl, 3-fluoro-4-chlorophenyl and 4-carbamoylphenyl;
or a pharmaceutically acceptable salt or solvate thereof.

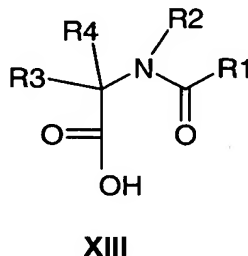
Claim 30 (currently amended). A pharmaceutical formulation comprising one or more compounds according to ~~any one of claims claim 1 to 29~~ or a pharmaceutically acceptable salt or solvate thereof, and one or more pharmaceutically acceptable diluents or carriers therefor.

Claim 31 (original). A pharmaceutical formulation according to claim 30 wherein the formulation further comprises one or more growth hormone secretagogue compounds and/or a bone-antiresorptive agent.

Claim 32 (currently amended). A process for producing a compound of Formula I as defined in ~~any one of claims claim 1 to 29~~ comprising coupling a compound of Formula XI or XIb

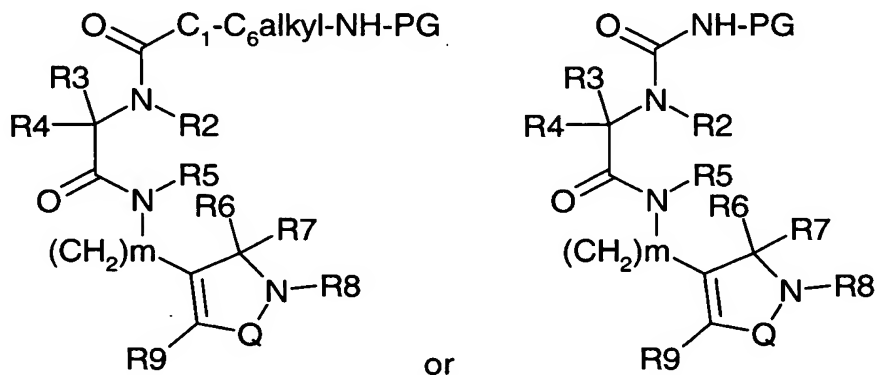


with a compound of formula XIII



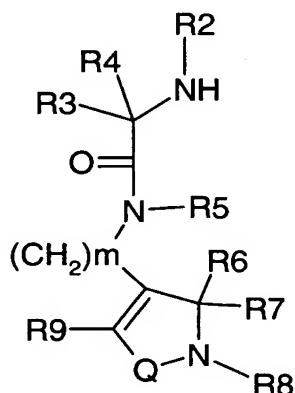
wherein R1, R2, R3, R4, R5, R6, R7, R8, R9 and Q are as defined in ~~any one of claims claim 1 to 29~~.

Claim 33 (currently amended). A process for producing a compound of Formula I as defined in ~~any one of claims~~ claim 1 to 29 comprising deprotecting a compound of Formula



wherein R2, R3, R4, R5, R6, R7, R8, R9, m and Q are as defined in ~~any one of claims~~ claim 1 to 29, and PG is an amino protecting group.

Claim 34 (currently amended). A process for producing a compound of Formula I as defined in ~~any one of claims~~ claim 1 to 29 comprising coupling a compound of Formula



with a compound of formula XIV



wherein R1, R2, R3, R4, R5, R6, R7, R8, R9 and Q are as defined in ~~any one of claims~~ 1 to 29.

Claims 35 and 36 (canceled).

Claim 37 (currently amended). A method ~~of using~~ comprising administering an effective amount of a compound of ~~any one of claims claim 1 to 5~~ or a pharmaceutically acceptable salt or solvate thereof for the treatment of a physiological condition which ~~may be~~ is modulated or ameliorated by an increase in endogenous growth hormone, ~~which method comprises administering to an animal in need of said treatment an effective amount of a compound of formula I.~~

Claim 38 (new). A method comprising administering an effective amount of a compound of claim 1 or a pharmaceutically acceptable salt or solvate thereof for treating a condition selected from osteoporosis, physiological short stature caused by growth hormone deficiency, short stature associated with chronic illness, growth retardation associated with the Prader-Willi syndrome, intrauterine growth retardation, pulmonary dysfunction and ventricular dependency, insulin resistance, cachexia and protein loss due to cancer or AIDS to an animal in need of said treatment.

Claim 39 (new). A compound selected from the group consisting of

2-(R)-2-(2-Amino-2-methylpropionylamino)-3- benzyloxy-propionic acid N-[5-(4-chlorophenyl)-2-cyclopropylmethyl-3,3-dimethyl-1,1-dioxo-2,3-dihydroisothiazol-4-ylmethyl]-N-ethylamide;

2-(R)-2-(2-Amino-2-methylpropionylamino)-3- benzyloxy-propionic acid N-[5-(4-chlorophenyl)- 3,3-dimethyl-1,1-dioxo-2-(2-methoxyethyl)-2,3-dihydroisothiazol-4-ylmethyl]-N-ethylamide;

2-(R)-2-(2-Amino-2-methylpropionylamino)-3- benzyloxy-propionic acid N-[5-(4-chlorophenyl)-3,3-dimethyl-1,1-dioxo-2-(2-fluoroethyl)-2,3-dihydroisothiazol-4-ylmethyl]-N-ethylamide;

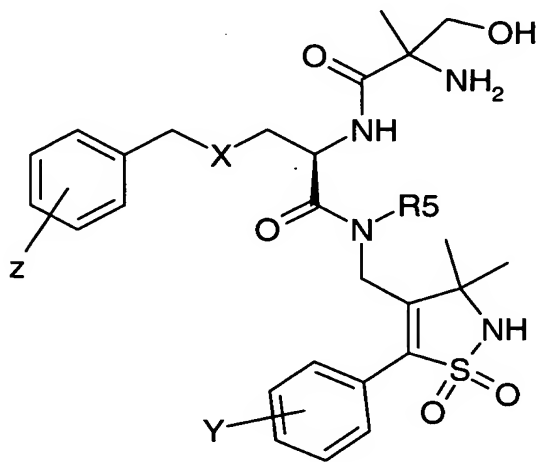
2-(R)-2-(2-Amino-2-methylpropionylamino)-3- benzyloxy-propionic acid N-[5-(4-chlorophenyl)-3,3-dimethyl-1,1-dioxo-2-(4,4,4-trifluorobutyl)-2,3-dihydroisothiazol-4-ylmethyl]-N-ethylamide;

2-(R)-2-(2-Amino-2-methylpropionylamino)-3- benzyloxy-propionic acid N-[2-carbamoylmethyl-5-(4-chlorophenyl)-3,3-dimethyl-1,1-dioxo-2,3-dihydroisothiazol-4-ylmethyl]-N-ethylamide; and

2-(R)-2-(2-Amino-2-methylpropionylamino)-3- benzyloxy-propionic acid N-[5-(4-chlorophenyl)-3,3-dimethyl-2-(N',N'-dimethylcarbamoyl)methyl-1,1-dioxo-2,3-dihydroisothiazol-4-ylmethyl]-N-ethylamide;

or a pharmaceutically acceptable salt or solvate thereof.

Claim 40 (new). A compound of the formula



wherein

X is O, Y is 4-Cl, Z is H and R5 is CH₂CH₃; or a pharmaceutically acceptable salt or solvate thereof.

Claim 41 (new). A method comprising administering an effective amount of a compound of claim 39 or a pharmaceutically acceptable salt or solvate thereof for the treatment of a physiological condition which is modulated or ameliorated by an increase in endogenous growth hormone-to an animal in need of said treatment.

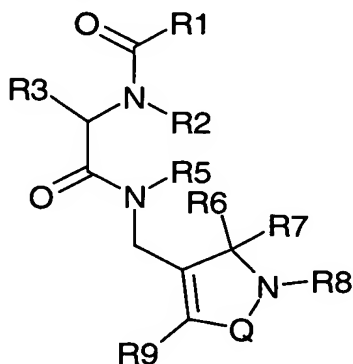
Claim 42 (new). A method comprising administering an effective amount of a compound of claim 39 or a pharmaceutically acceptable salt or solvate thereof for treating a condition selected from osteoporosis, physiological short stature caused by growth hormone

deficiency, short stature associated with chronic illness, growth retardation associated with the Prader-Willi syndrome, intrauterine growth retardation, pulmonary dysfunction and ventricular dependency, insulin resistance, cachexia and protein loss due to cancer or AIDS to an animal in need of said treatment.

Claim 43 (new). A method comprising administering an effect amount of a compound of claim 40 or a pharmaceutically acceptable salt or solvate thereof for the treatment of a physiological condition which is modulated or ameliorated by an increase in endogenous growth hormone-to an animal in need of said treatment.

Claim 44 (new). A method comprising administering an effective amount of a compound of claim 40 or a pharmaceutically acceptable salt or solvate thereof for treating a condition selected from osteoporosis, physiological short stature caused by growth hormone deficiency, short stature associated with chronic illness, growth retardation associated with the Prader-Willi syndrome, intrauterine growth retardation, pulmonary dysfunction and ventricular dependency, insulin resistance, cachexia and protein loss due to cancer or AIDS to an animal in need of said treatment.

Claim 45 (new). A compound according to claim 2 having Formula II



Formula II

wherein

R1, R2, R3, R5, R6, R7, R8, R9 and Q are as defined in claim 2 or a pharmaceutically acceptable salt or solvate thereof.

Claim 46 (new). A compound according to claim 45 wherein R3 is selected from unsubstituted or substituted aryl, unsubstituted or substituted C₁-C₆alkylaryl, unsubstituted or substituted C₁-C₆alkyl(O)-C₁-C₆alkylaryl, unsubstituted or substituted (C₁-C₆ alkyl) C₃-C₈ cycloalkyl; wherein the unsubstituted or substituted aryl group, unsubstituted or substituted C₁-C₆alkylaryl or unsubstituted or substituted C₁-C₆alkyl(O)-C₁-C₆alkylaryl group contains an aryl moiety selected from phenyl, thiazolyl, pyridyl, naphthyl, thienyl, oxazolyl, isoxazolyl and indolyl optionally substituted by from one to three groups independently selected from C₁-C₆ alkyl, -OC₁-C₆ alkyl, -OCF₃, amide, aryl, aryloxy, SO₂(C₁₋₆ alkyl), SO₂CF₃, NHamide, carboxamide, sulfonamide, Nhsulfonamide, imide, hydroxy, carboxy, nitro, halo, tri(chloro or fluoro)methyl, and cyano; or a pharmaceutically acceptable salt or solvate thereof.

Claim 47 (new). A compound according to claim 45 wherein R3 is an unsubstituted or substituted aryl group, an unsubstituted or substituted C₁-C₆ alkylaryl group or an unsubstituted or substituted C₁-C₆alkyl(O)- C₁-C₆alkyl aryl group wherein:

the C₁-C₆alkyl moiety within the unsubstituted or substituted C₁-C₆ alkylaryl group is methyl, ethyl or propyl;

the C₁-C₆alkyl(O)- C₁-C₆alkyl moiety within the unsubstituted or substituted C₁-C₆alkyl(O)- C₁-C₆alkyl aryl group is a moiety of formula -CH₂OCH₂-;

the unsubstituted or substituted aryl moiety is phenyl, thiazolyl, pyridyl, naphthyl, thienyl, oxazolyl, isoxazolyl and indolyl which is unsubstituted or substituted by from one to three groups independently selected from halo (preferably chloro or fluoro), methyl, methoxy, cyano, SO₂Me, trifluoromethyl, and trifluoromethoxy. Most preferably the unsubstituted aryl moiety is phenyl, naphthyl, thiazolyl or indolyl and the substituted aryl moiety in said groups is 2-fluorophenyl, 3-fluorophenyl, 4-fluorophenyl, 2,3-difluorophenyl, 2,4-difluorophenyl, 2,5-difluorophenyl, 2,6-difluorophenyl, 3,4-difluorophenyl, 3,5-difluorophenyl, 2,4,6-trifluorophenyl, 2,3,4-trifluorophenyl, 2,4,5-trifluorophenyl, 2,3,6-trifluorophenyl, 2,3,5-trifluorophenyl, 2-chlorophenyl, 3-chlorophenyl, 4-chlorophenyl, 2,6-dichlorophenyl, 2,3-dichlorophenyl, 2,4-dichlorophenyl, 2,5-dichlorophenyl, 2-chloro-4-fluorophenyl, 2-methylphenyl, 2,6-difluoro-3-methylphenyl, 3,6-difluoro-2-chlorophenyl, 2-fluoro-6-chlorophenyl, 2-fluoro-3-chlorophenyl, 2-fluoro-4-chlorophenyl, 2,6-difluoro-3-chlorophenyl, 4-trifluoromethylphenyl, 3-trifluoromethylphenyl, 2-trifluoromethylphenyl, 2-fluoro-5-trifluoromethylphenyl, 2-fluoro-3-trifluoromethylphenyl, 2-fluoro-6-trifluoromethylphenyl, 2-chloro-3-trifluoromethylphenyl, 4-trifluoromethoxyphenyl, 3-

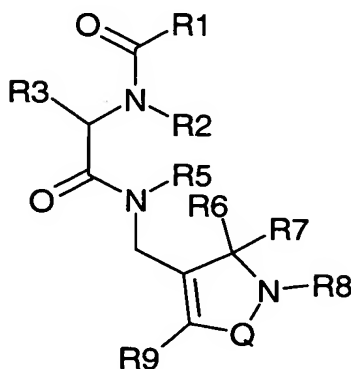
trifluoromethoxyphenyl, 2-trifluoromethoxyphenyl, 2-cyanophenyl, 3-cyanophenyl, 4-cyanophenyl, 4-methanesulphonylphenyl, and 2-methyl thiazolyl;
or a pharmaceutically acceptable salt or solvate thereof.

Claim 48 (new). A compound according to claim 45 wherein R3 is selected from the group consisting of unsubstituted or substituted aryl, C₁-C₆alkylaryl, C₁-C₆alkyl(O)-C₁-C₆alkylaryl, C₃-C₈ cycloalkyl, (C₁-C₆ alkyl) C₃-C₈ cycloalkyl, indolyl, indolynyl, (C₁-C₆ alkyl) indolyl.

Claim 49 (new). A compound according to claim 45 wherein R9 is selected from the group consisting of unsubstituted or substituted thienyl, unsubstituted or substituted naphthyl, unsubstituted or substituted phenoxy and unsubstituted or substituted phenyl; wherein the substituents when present are each independently selected from the group consisting of halo, methyl, ethyl, propyl, t-butyl, trifluoromethyl, trifluoromethoxy, methoxy, ethoxy, cyano, methylsulphonyl, phenyl, phenoxy, thienyl, pyridyl, thiazolyl, oxazolyl, nitro, CONH₂, furanyl, benzothiophenyl and benzofuranyl; or a pharmaceutically acceptable salt or solvate thereof.

Claim 50 (new). A compound of according to claim 49 wherein R9 is selected from phenyl, 4-methylsulphonylphenyl, 3-methylsulphonylphenyl, 4-fluorophenyl, 2-fluorophenyl, 3-fluorophenyl, 3-chlorophenyl, 2-chlorophenyl, 4-chlorophenyl, 4-t-butylphenyl, 4-trifluoromethylphenyl, 3-trifluoromethylphenyl, 4-nitrophenyl, 3-nitrophenyl, 4-bromophenyl, 3-bromophenyl, 2-bromophenyl, 4-methylphenyl, 3-methylphenyl, 4-phenylphenyl, 3-phenylphenyl, 4-phenoxyphenyl, 3-phenoxyphenyl, 4-cyanophenyl, 3-cyanophenyl, 4-carbamoylphenyl, 4-methoxyphenyl, 3-methoxyphenyl, thienyl, thiazolyl, pyridyl, phenoxy, 4-chlorophenoxy, 2,3-dichlorophenyl, 3,4-dichlorophenyl, naphthyl, oxazolyl, 2,4-difluorophenyl, 3,4-difluorophenyl, 3,5-difluorophenyl, 2,3-difluorophenyl, 2,6-difluorophenyl, 2,5-difluorophenyl, 2-fluoro-3-chlorophenyl, 4-ethylphenyl, 4-ethoxyphenyl, 3,4,5-trifluorophenyl, 3-fluoro-4-chlorophenyl and 4-carbamoylphenyl;
or a pharmaceutically acceptable salt or solvate thereof.

Claim 51 (new). A compound according to claim 3 having Formula II



Formula II

wherein

R1, R2, R3, R5, R6, R7, R8, R9 and Q are as defined in claim 3 or a pharmaceutically acceptable salt or solvate thereof.

Claim 52 (new). A compound according to claim 51 wherein R3 is selected from unsubstituted or substituted aryl, unsubstituted or substituted C₁-C₆alkylaryl, unsubstituted or substituted C₁-C₆alkyl(O)-C₁-C₆alkylaryl, unsubstituted or substituted (C₁-C₆ alkyl) C₃-C₈ cycloalkyl; wherein the unsubstituted or substituted aryl group, unsubstituted or substituted C₁-C₆alkylaryl or unsubstituted or substituted C₁-C₆alkyl(O)-C₁-C₆alkylaryl group contains an aryl moiety selected from phenyl, thiazolyl, pyridyl, naphthyl, thienyl, oxazolyl, isoxazolyl and indolyl optionally substituted by from one to three groups independently selected from C₁-C₆ alkyl, -OC₁-C₆ alkyl, -OCF₃, amide, aryl, aryloxy, SO₂(C₁₋₆ alkyl), SO₂CF₃, NHamide, carboxamide, sulfonamide, Nhsulfonamide, imide, hydroxy, carboxy, nitro, halo, tri(chloro or fluoro)methyl, and cyano; or a pharmaceutically acceptable salt or solvate thereof.

Claim 53 (new). A compound according to claim 51 wherein R3 is an unsubstituted or substituted aryl group, an unsubstituted or substituted C₁-C₆ alkylaryl group or an unsubstituted or substituted C₁-C₆alkyl(O)- C₁-C₆alkyl aryl group wherein:

the C₁-C₆alkyl moiety within the unsubstituted or substituted C₁-C₆ alkylaryl group is methyl, ethyl or propyl;

the C₁-C₆alkyl(O)- C₁-C₆alkyl moiety within the unsubstituted or substituted C₁-C₆alkyl(O)- C₁-C₆alkyl aryl group is a moiety of formula -CH₂OCH₂-;

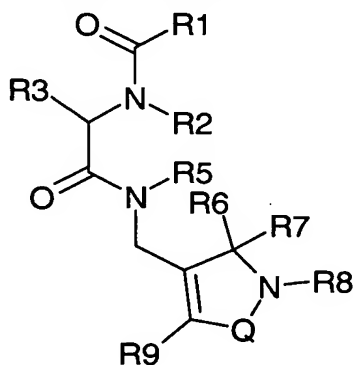
the unsubstituted or substituted aryl moiety is phenyl, thiazolyl, pyridyl, naphthyl, thienyl, oxazolyl, isoxazolyl and indolyl which is unsubstituted or substituted by from one to three groups independently selected from halo (preferably chloro or fluoro), methyl, methoxy, cyano, SO₂Me, trifluoromethyl, and trifluoromethoxy. Most preferably the unsubstituted aryl moiety is phenyl, naphthyl, thiazolyl or indolyl and the substituted aryl moiety in said groups is 2-fluorophenyl, 3-fluorophenyl, 4-fluorophenyl, 2,3-difluorophenyl, 2,4-difluorophenyl, 2,5-difluorophenyl, 2,6-difluorophenyl, 3,4-difluorophenyl, 3,5-difluorophenyl, 2,4,6-trifluorophenyl, 2,3,4-trifluorophenyl, 2,4,5-trifluorophenyl, 2,3,6-trifluorophenyl, 2,3,5-trifluorophenyl, 2-chlorophenyl, 3-chlorophenyl, 4-chlorophenyl, 2,6-dichlorophenyl, 2,3-dichlorophenyl, 2,4-dichlorophenyl, 2,5-dichlorophenyl, 2-chloro-4-fluorophenyl, 2-methylphenyl, 2,6-difluoro-3-methylphenyl, 3,6-difluoro-2-chlorophenyl, 2-fluoro-6-chlorophenyl, 2-fluoro-3-chlorophenyl, 2-fluoro-4-chlorophenyl, 2,6-difluoro-3-chlorophenyl, 4-trifluoromethylphenyl, 3-trifluoromethylphenyl, 2-trifluoromethylphenyl, 2-fluoro-5-trifluoromethylphenyl, 2-fluoro-3-trifluoromethylphenyl, 2-fluoro-6-trifluoromethylphenyl, 2-chloro-3-trifluoromethylphenyl, 4-trifluoromethoxyphenyl, 3-trifluoromethoxyphenyl, 2-trifluoromethoxyphenyl, 2-cyanophenyl, 3-cyanophenyl, 4-cyanophenyl, 4-methanesulphonylphenyl, and 2-methyl thiazolyl; or a pharmaceutically acceptable salt or solvate thereof.

Claim 54 (new). A compound according to claim 51 wherein R₃ is selected from the group consisting of unsubstituted or substituted aryl, C₁-C₆alkylaryl, C₁-C₆alkyl(O)-C₁-C₆alkylaryl, C₃-C₈ cycloalkyl, (C₁-C₆ alkyl) C₃-C₈ cycloalkyl, indolyl, indolinyl, (C₁-C₆ alkyl) indolyl.

Claim 55 (new). A compound according to claim 51 wherein R₉ is selected from the group consisting of unsubstituted or substituted thienyl, unsubstituted or substituted naphthyl, unsubstituted or substituted phenoxy and unsubstituted or substituted phenyl; wherein the substituents when present are each independently selected from the group consisting of halo, methyl, ethyl, propyl, t-butyl, trifluoromethyl, trifluoromethoxy, methoxy, ethoxy, cyano, methylsulphonyl, phenyl, phenoxy, thienyl, pyridyl, thiazolyl, oxazolyl, nitro, CONH₂, furanyl, benzothiophenyl and benzofuranyl; or a pharmaceutically acceptable salt or solvate thereof.

Claim 56 (new). A compound of according to claim 55 wherein R9 is selected from phenyl, 4-methylsulphonylphenyl, 3-methylsulphonylphenyl, 4-fluorophenyl, 2-fluorophenyl, 3-fluorophenyl, 3-chlorophenyl, 2-chlorophenyl, 4-chlorophenyl, 4-*t*-butylphenyl, 4-trifluoromethylphenyl, 3-trifluoromethylphenyl, 4-nitrophenyl, 3-nitrophenyl, 4-bromophenyl, 3-bromophenyl, 2-bromophenyl, 4-methylphenyl, 3-methylphenyl, 4-phenylphenyl, 3-phenylphenyl, 4-phenoxyphenyl, 3-phenoxyphenyl, 4-cyanophenyl, 3-cyanophenyl, 4-carbamoylphenyl, 4-methoxyphenyl, 3-methoxyphenyl, thienyl, thiazolyl, pyridyl, phenoxy, 4-chlorophenoxy, 2,3-dichlorophenyl, 3,4-dichlorophenyl, naphthyl, oxazolyl, 2,4-difluorophenyl, 3,4-difluorophenyl, 3,5-difluorophenyl, 2,3-difluorophenyl, 2,6-difluorophenyl, 2,5-difluorophenyl, 2-fluoro-3-chlorophenyl, 4-ethylphenyl, 4-ethoxyphenyl, 3,4,5-trifluorophenyl, 3-fluoro-4-chlorophenyl and 4-carbamoylphenyl; or a pharmaceutically acceptable salt or solvate thereof.

Claim 57 (new). A compound according to claim 4 having Formula II



Formula II

wherein

R1, R2, R3, R5, R6, R7, R8, R9 and Q are as defined in claim 4 or a pharmaceutically acceptable salt or solvate thereof.

Claim 58 (new). A compound according to claim 57 wherein R3 is selected from unsubstituted or substituted aryl, unsubstituted or substituted C₁-C₆alkylaryl, unsubstituted or substituted C₁-C₆alkyl(O)-C₁-C₆alkylaryl, unsubstituted or substituted (C₁-C₆ alkyl) C₃-C₈ cycloalkyl; wherein the unsubstituted or substituted aryl group, unsubstituted or substituted C₁-C₆alkylaryl or unsubstituted or substituted C₁-C₆alkyl(O)-C₁-C₆alkylaryl group contains an aryl moiety selected from phenyl, thiazolyl, pyridyl, naphthyl, thienyl, oxazolyl, isoxazolyl and indolyl optionally substituted by from one to three groups

independently selected from C₁-C₆ alkyl, -OC₁-C₆ alkyl, -OCF₃, amide, aryl, aryloxy, SO₂(C₁₋₆ alkyl), SO₂CF₃, NHamide, carboxamide, sulfonamide, NHsulfonamide, imide, hydroxy, carboxy, nitro, halo, tri(chloro or fluoro)methyl, and cyano; or a pharmaceutically acceptable salt or solvate thereof.

Claim 59 (new). A compound according to claim 57 wherein R₃ is an unsubstituted or substituted aryl group, an unsubstituted or substituted C₁-C₆ alkylaryl group or an unsubstituted or substituted C₁-C₆alkyl(O)- C₁-C₆alkyl aryl group wherein:

the C₁-C₆alkyl moiety within the unsubstituted or substituted C₁-C₆ alkylaryl group is methyl, ethyl or propyl;

the C₁-C₆alkyl(O)- C₁-C₆alkyl moiety within the unsubstituted or substituted C₁-C₆alkyl(O)- C₁-C₆alkyl aryl group is a moiety of formula -CH₂OCH₂-;

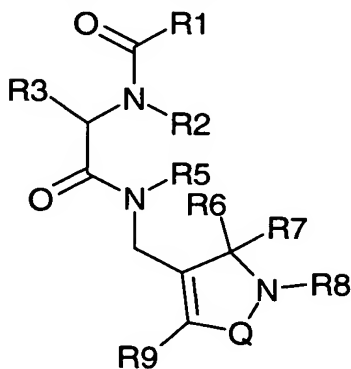
the unsubstituted or substituted aryl moiety is phenyl, thiazolyl, pyridyl, naphthyl, thienyl, oxazolyl, isoxazolyl and indolyl which is unsubstituted or substituted by from one to three groups independently selected from halo (preferably chloro or fluoro), methyl, methoxy, cyano, SO₂Me, trifluoromethyl, and trifluoromethoxy. Most preferably the unsubstituted aryl moiety is phenyl, naphthyl, thiazolyl or indolyl and the substituted aryl moiety in said groups is 2-fluorophenyl, 3-fluorophenyl, 4-fluorophenyl, 2,3-difluorophenyl, 2,4-difluorophenyl, 2,5-difluorophenyl, 2,6-difluorophenyl, 3,4-difluorophenyl, 3,5-difluorophenyl, 2,4,6-trifluorophenyl, 2,3,4-trifluorophenyl, 2,4,5-trifluorophenyl, 2,3,6-trifluorophenyl, 2,3,5-trifluorophenyl, 2-chlorophenyl, 3-chlorophenyl, 4-chlorophenyl, 2,6-dichlorophenyl, 2,3-dichlorophenyl, 2,4-dichlorophenyl, 2,5-dichlorophenyl, 2-chloro-4-fluorophenyl, 2-methylphenyl, 2,6-difluoro-3-methylphenyl, 3,6-difluoro-2-chlorophenyl, 2-fluoro-6-chlorophenyl, 2-fluoro-3-chlorophenyl, 2-fluoro-4-chlorophenyl, 2,6-difluoro-3-chlorophenyl, 4-trifluoromethylphenyl, 3-trifluoromethylphenyl, 2-trifluoromethylphenyl, 2-fluoro-5-trifluoromethylphenyl, 2-fluoro-3-trifluoromethylphenyl, 2-fluoro-6-trifluoromethylphenyl, 2-chloro-3-trifluoromethylphenyl, 4-trifluoromethoxyphenyl, 3-trifluoromethoxyphenyl, 2-trifluoromethoxyphenyl, 2-cyanophenyl, 3-cyanophenyl, 4-cyanophenyl, 4-methanesulphonylphenyl, and 2-methyl thiazolyl; or a pharmaceutically acceptable salt or solvate thereof.

Claim 60 (new). A compound according to claim 57 wherein R3 is selected from the group consisting of unsubstituted or substituted aryl, C₁-C₆alkylaryl, C₁-C₆alkyl(O)-C₁-C₆alkylaryl, C₃-C₈ cycloalkyl, (C₁-C₆ alkyl) C₃-C₈ cycloalkyl, indolyl, indolynyl, (C₁-C₆ alkyl) indolyl.

Claim 61 (new). A compound according to claim 57 wherein R9 is selected from the group consisting of unsubstituted or substituted thienyl, unsubstituted or substituted naphthyl, unsubstituted or substituted phenoxy and unsubstituted or substituted phenyl; wherein the substituents when present are each independently selected from the group consisting of halo, methyl, ethyl, propyl, t-butyl, trifluoromethyl, trifluoromethoxy, methoxy, ethoxy, cyano, methylsulphonyl, phenyl, phenoxy, thienyl, pyridyl, thiazolyl, oxazolyl, nitro, CONH₂, furanyl, benzothiophenyl and benzofuranyl; or a pharmaceutically acceptable salt or solvate thereof.

Claim 62 (new). A compound of according to claim 61 wherein R9 is selected from phenyl, 4-methylsulphonylphenyl, 3-methylsulphonylphenyl, 4-fluorophenyl, 2-fluorophenyl, 3-fluorophenyl, 3-chlorophenyl, 2-chlorophenyl, 4-chlorophenyl, 4-t-butylphenyl, 4-trifluoromethylphenyl, 3-trifluoromethylphenyl, 4-nitrophenyl, 3-nitrophenyl, 4-bromophenyl, 3-bromophenyl, 2-bromophenyl, 4-methylphenyl, 3-methylphenyl, 4-phenylphenyl, 3-phenylphenyl, 4-phenoxyphenyl, 3-phenoxyphenyl, 4-cyanophenyl, 3-cyanophenyl, 4-carbamoylphenyl, 4-methoxyphenyl, 3-methoxyphenyl, thienyl, thiazolyl, pyridyl, phenoxy, 4-chlorophenoxy, 2,3-dichlorophenyl, 3,4-dichlorophenyl, naphthyl, oxazolyl, 2,4-difluorophenyl, 3,4-difluorophenyl, 3,5-difluorophenyl, 2,3-difluorophenyl, 2,6-difluorophenyl, 2,5-difluorophenyl, 2-fluoro-3-chlorophenyl, 4-ethylphenyl, 4-ethoxyphenyl, 3,4,5-trifluorophenyl, 3-fluoro-4-chlorophenyl and 4-carbamoylphenyl; or a pharmaceutically acceptable salt or solvate thereof.

Claim 63 (new). A compound according to claim 5 having Formula II



Formula II

wherein

R1, R2, R3, R5, R6, R7, R8, R9 and Q are as defined in claim 5 or a pharmaceutically acceptable salt or solvate thereof.

Claim 64 (new). A compound according to claim 63 wherein R3 is selected from unsubstituted or substituted aryl, unsubstituted or substituted C₁-C₆alkylaryl, unsubstituted or substituted C₁-C₆alkyl(O)-C₁-C₆alkylaryl, unsubstituted or substituted (C₁-C₆ alkyl) C₃-C₈ cycloalkyl; wherein the unsubstituted or substituted aryl group, unsubstituted or substituted C₁-C₆alkylaryl or unsubstituted or substituted C₁-C₆alkyl(O)-C₁-C₆alkylaryl group contains an aryl moiety selected from phenyl, thiazolyl, pyridyl, naphthyl, thienyl, oxazolyl, isoxazolyl and indolyl optionally substituted by from one to three groups independently selected from C₁-C₆ alkyl, -OC₁-C₆ alkyl, -OCF₃, amide, aryl, aryloxy, SO₂(C₁₋₆ alkyl), SO₂CF₃, NHamide, carboxamide, sulfonamide, NHsulfonamide, imide, hydroxy, carboxy, nitro, halo, tri(chloro or fluoro)methyl, and cyano; or a pharmaceutically acceptable salt or solvate thereof.

Claim 65 (new). A compound according to claim 63 wherein R3 is an unsubstituted or substituted aryl group, an unsubstituted or substituted C₁-C₆ alkylaryl group or an unsubstituted or substituted C₁-C₆alkyl(O)- C₁-C₆alkyl aryl group wherein:

the C₁-C₆alkyl moiety within the unsubstituted or substituted C₁-C₆ alkylaryl group is methyl, ethyl or propyl;

the C₁-C₆alkyl(O)- C₁-C₆alkyl moiety within the unsubstituted or substituted C₁-C₆alkyl(O)- C₁-C₆alkyl aryl group is a moiety of formula -CH₂OCH₂-;

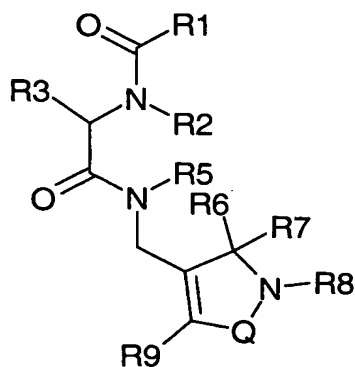
the unsubstituted or substituted aryl moiety is phenyl, thiazolyl, pyridyl, naphthyl, thienyl, oxazolyl, isoxazolyl and indolyl which is unsubstituted or substituted by from one to three groups independently selected from halo (preferably chloro or fluoro), methyl, methoxy, cyano, SO₂Me, trifluoromethyl, and trifluoromethoxy. Most preferably the unsubstituted aryl moiety is phenyl, naphthyl, thiazolyl or indolyl and the substituted aryl moiety in said groups is 2-fluorophenyl, 3-fluorophenyl, 4-fluorophenyl, 2,3-difluorophenyl, 2,4-difluorophenyl, 2,5-difluorophenyl, 2,6-difluorophenyl, 3,4-difluorophenyl, 3,5-difluorophenyl, 2,4,6-trifluorophenyl, 2,3,4-trifluorophenyl, 2,4,5-trifluorophenyl, 2,3,6-trifluorophenyl, 2,3,5-trifluorophenyl, 2-chlorophenyl, 3-chlorophenyl, 4-chlorophenyl, 2,6-dichlorophenyl, 2,3-dichlorophenyl, 2,4-dichlorophenyl, 2,5-dichlorophenyl, 2-chloro-4-fluorophenyl, 2-methylphenyl, 2,6-difluoro-3-methylphenyl, 3,6-difluoro-2-chlorophenyl, 2-fluoro-6-chlorophenyl, 2-fluoro-3-chlorophenyl, 2-fluoro-4-chlorophenyl, 2,6-difluoro-3-chlorophenyl, 4-trifluoromethylphenyl, 3-trifluoromethylphenyl, 2-trifluoromethylphenyl, 2-fluoro-5-trifluoromethylphenyl, 2-fluoro-3-trifluoromethylphenyl, 2-fluoro-6-trifluoromethylphenyl, 2-chloro-3-trifluoromethylphenyl, 4-trifluoromethoxyphenyl, 3-trifluoromethoxyphenyl, 2-trifluoromethoxyphenyl, 2-cyanophenyl, 3-cyanophenyl, 4-cyanophenyl, 4-methanesulphonylphenyl, and 2-methyl thiazolyl; or a pharmaceutically acceptable salt or solvate thereof.

Claim 66 (new). A compound according to claim 63 wherein R₃ is selected from the group consisting of unsubstituted or substituted aryl, C₁-C₆alkylaryl, C₁-C₆alkyl(O)-C₁-C₆alkylaryl, C₃-C₈ cycloalkyl, (C₁-C₆ alkyl) C₃-C₈ cycloalkyl, indolyl, indolynyl, (C₁-C₆ alkyl) indolyl.

Claim 67 (new). A compound according to claim 63 wherein R₉ is selected from the group consisting of unsubstituted or substituted thienyl, unsubstituted or substituted naphthyl, unsubstituted or substituted phenoxy and unsubstituted or substituted phenyl; wherein the substituents when present are each independently selected from the group consisting of halo, methyl, ethyl, propyl, t-butyl, trifluoromethyl, trifluoromethoxy, methoxy, ethoxy, cyano, methylsulphonyl, phenyl, phenoxy, thienyl, pyridyl, thiazolyl, oxazolyl, nitro, CONH₂, furanyl, benzothiophenyl and benzofuranyl; or a pharmaceutically acceptable salt or solvate thereof.

Claim 68 (new). A compound of according to claim 63 wherein R9 is selected from phenyl, 4-methylsulphonylphenyl, 3-methylsulphonylphenyl, 4-fluorophenyl, 2-fluorophenyl, 3-fluorophenyl, 3-chlorophenyl, 2-chlorophenyl, 4-chlorophenyl, 4-*t*-butylphenyl, 4-trifluoromethylphenyl, 3-trifluoromethylphenyl, 4-nitrophenyl, 3-nitrophenyl, 4-bromophenyl, 3-bromophenyl, 2-bromophenyl, 4-methylphenyl, 3-methylphenyl, 4-phenylphenyl, 3-phenylphenyl, 4-phenoxyphenyl, 3-phenoxyphenyl, 4-cyanophenyl, 3-cyanophenyl, 4-carbamoylphenyl, 4-methoxyphenyl, 3-methoxyphenyl, thienyl, thiazolyl, pyridyl, phenoxy, 4-chlorophenoxy, 2,3-dichlorophenyl, 3,4-dichlorophenyl, naphthyl, oxazolyl, 2,4-difluorophenyl, 3,4-difluorophenyl, 3,5-difluorophenyl, 2,3-difluorophenyl, 2,6-difluorophenyl, 2,5-difluorophenyl, 2-fluoro-3-chlorophenyl, 4-ethylphenyl, 4-ethoxyphenyl, 3,4,5-trifluorophenyl, 3-fluoro-4-chlorophenyl and 4-carbamoylphenyl; or a pharmaceutically acceptable salt or solvate thereof.

Claim 69 (new). A compound according to claim 21 having Formula II



Formula II

wherein

R1, R2, R3, R5, R6, R7, R8, R9 and Q are as defined in claim 21 or a pharmaceutically acceptable salt or solvate thereof.

Claim 70 (new). A compound according to claim 69 wherein R3 is selected from unsubstituted or substituted aryl, unsubstituted or substituted C₁-C₆alkylaryl, unsubstituted or substituted C₁-C₆alkyl(O)-C₁-C₆alkylaryl, unsubstituted or substituted (C₁-C₆ alkyl) C₃-C₈ cycloalkyl; wherein the unsubstituted or substituted aryl group, unsubstituted or substituted C₁-C₆alkylaryl or unsubstituted or substituted C₁-C₆alkyl(O)-C₁-C₆alkylaryl group contains an aryl moiety selected from phenyl, thiazolyl, pyridyl, naphthyl, thienyl, oxazolyl, isoxazolyl and indolyl optionally substituted by from one to three groups

independently selected from C₁-C₆ alkyl, -OC₁-C₆ alkyl, -OCF₃, amide, aryl, aryloxy, SO₂(C₁₋₆ alkyl), SO₂CF₃, NHamide, carboxamide, sulfonamide, NHsulfonamide, imide, hydroxy, carboxy, nitro, halo, tri(chloro or fluoro)methyl, and cyano; or a pharmaceutically acceptable salt or solvate thereof.

Claim 71 (new). A compound according to claim 69 wherein R₃ is an unsubstituted or substituted aryl group, an unsubstituted or substituted C₁-C₆ alkylaryl group or an unsubstituted or substituted C₁-C₆alkyl(O)- C₁-C₆alkyl aryl group wherein:

the C₁-C₆alkyl moiety within the unsubstituted or substituted C₁-C₆ alkylaryl group is methyl, ethyl or propyl;

the C₁-C₆alkyl(O)- C₁-C₆alkyl moiety within the unsubstituted or substituted C₁-C₆alkyl(O)- C₁-C₆alkyl aryl group is a moiety of formula -CH₂OCH₂-;

the unsubstituted or substituted aryl moiety is phenyl, thiazolyl, pyridyl, naphthyl, thienyl, oxazolyl, isoxazolyl and indolyl which is unsubstituted or substituted by from one to three groups independently selected from halo (preferably chloro or fluoro), methyl, methoxy, cyano, SO₂Me, trifluoromethyl, and trifluoromethoxy. Most preferably the unsubstituted aryl moiety is phenyl, naphthyl, thiazolyl or indolyl and the substituted aryl moiety in said groups is 2-fluorophenyl, 3-fluorophenyl, 4-fluorophenyl, 2,3-difluorophenyl, 2,4-difluorophenyl, 2,5-difluorophenyl, 2,6-difluorophenyl, 3,4-difluorophenyl, 3,5-difluorophenyl, 2,4,6-trifluorophenyl, 2,3,4-trifluorophenyl, 2,4,5-trifluorophenyl, 2,3,6-trifluorophenyl, 2,3,5-trifluorophenyl, 2-chlorophenyl, 3-chlorophenyl, 4-chlorophenyl, 2,6-dichlorophenyl, 2,3-dichlorophenyl, 2,4-dichlorophenyl, 2,5-dichlorophenyl, 2-chloro-4-fluorophenyl, 2-methylphenyl, 2,6-difluoro-3-methylphenyl, 3,6-difluoro-2-chlorophenyl, 2-fluoro-6-chlorophenyl, 2-fluoro-3-chlorophenyl, 2-fluoro-4-chlorophenyl, 2,6-difluoro-3-chlorophenyl, 4-trifluoromethylphenyl, 3-trifluoromethylphenyl, 2-trifluoromethylphenyl, 2-fluoro-5-trifluoromethylphenyl, 2-fluoro-3-trifluoromethylphenyl, 2-fluoro-6-trifluoromethylphenyl, 2-chloro-3-trifluoromethylphenyl, 4-trifluoromethoxyphenyl, 3-trifluoromethoxyphenyl, 2-trifluoromethoxyphenyl, 2-cyanophenyl, 3-cyanophenyl, 4-cyanophenyl, 4-methanesulphonylphenyl, and 2-methyl thiazolyl; or a pharmaceutically acceptable salt or solvate thereof.

Claim 72 (new). A compound according to claim 69 wherein R3 is selected from the group consisting of unsubstituted or substituted aryl, C₁-C₆alkylaryl, C₁-C₆alkyl(O)-C₁-C₆alkylaryl, C₃-C₈ cycloalkyl, (C₁-C₆ alkyl) C₃-C₈ cycloalkyl, indolyl, indolynyl, (C₁-C₆ alkyl) indolyl.

Claim 73 (new). A compound according to claim 69 wherein R9 is selected from the group consisting of unsubstituted or substituted thienyl, unsubstituted or substituted naphthyl, unsubstituted or substituted phenoxy and unsubstituted or substituted phenyl; wherein the substituents when present are each independently selected from the group consisting of halo, methyl, ethyl, propyl, t-butyl, trifluoromethyl, trifluoromethoxy, methoxy, ethoxy, cyano, methylsulphonyl, phenyl, phenoxy, thienyl, pyridyl, thiazolyl, oxazolyl, nitro, CONH₂, furanyl, benzothiophenyl and benzofuranyl; or a pharmaceutically acceptable salt or solvate thereof.

Claim 74 (new). A compound of according to claim 69 wherein R9 is selected from phenyl, 4-methylsulphonylphenyl, 3-methylsulphonylphenyl, 4-fluorophenyl, 2-fluorophenyl, 3-fluorophenyl, 3-chlorophenyl, 2-chlorophenyl, 4-chlorophenyl, 4-t-butylphenyl, 4-trifluoromethylphenyl, 3-trifluoromethylphenyl, 4-nitrophenyl, 3-nitrophenyl, 4-bromophenyl, 3-bromophenyl, 2-bromophenyl, 4-methylphenyl, 3-methylphenyl, 4-phenylphenyl, 3-phenylphenyl, 4-phenoxyphenyl, 3-phenoxyphenyl, 4-cyanophenyl, 3-cyanophenyl, 4-carbamoylphenyl, 4-methoxyphenyl, 3-methoxyphenyl, thienyl, thiazolyl, pyridyl, phenoxy, 4-chlorophenoxy, 2,3-dichlorophenyl, 3,4-dichlorophenyl, naphthyl, oxazolyl, 2,4-difluorophenyl, 3,4-difluorophenyl, 3,5-difluorophenyl, 2,3-difluorophenyl, 2,6-difluorophenyl, 2,5-difluorophenyl, 2-fluoro-3-chlorophenyl, 4-ethylphenyl, 4-ethoxyphenyl, 3,4,5-trifluorophenyl, 3-fluoro-4-chlorophenyl and 4-carbamoylphenyl; or a pharmaceutically acceptable salt or solvate thereof.